

ABSTRACT

An electro-luminescence display device includes a supply voltage source; a data driver for driving a plurality of data lines arranged within a panel; a gamma voltage generator for generating gamma voltages to generate analog data voltages corresponding to externally inputted data signals provided to the data driver; and a threshold voltage compensator installed between the gamma voltage generator and the supply voltage source for controlling a supply voltage of the supply voltage source and to apply the controlled voltage to the gamma voltage generator.